

**POLYMERIZATION PROCESS**

**ABSTRACT**

The invention provides for polymerization catalyst compositions, and for methods  
5 for introducing the catalyst compositions into a polymerization reactor. More particularly,  
the method combines a catalyst component containing slurry and a catalyst component  
containing solution to form the completed catalyst composition for introduction into the  
polymerization reactor. The invention is also directed to methods of preparing the catalyst  
component slurry, the catalyst component solution and the catalyst compositions, to  
10 methods of controlling the properties of polymer products utilizing the catalyst  
compositions, and to polymers produced therefrom.